

## SOLOdrive

SOLOdrive offers industry-best Natural Dimming to dark - LED dimming made beautiful! With any dimmer, in any application. Symbiosis on SOLOdrive stands for unity, for the SOLOdrive working seamlessly together with LED modules, controls and intelligent luminaire elements.

## Product offering



### SOLOdrive 566/L

|                     |   |
|---------------------|---|
| Part number (P/N)   | SL0566L4  |
| Product description | SOLOdrive AC, 50W, 0-10V + AUX, 1 control channel, constant current, 1x 55V output, side feed, long metal |

## Features & benefits

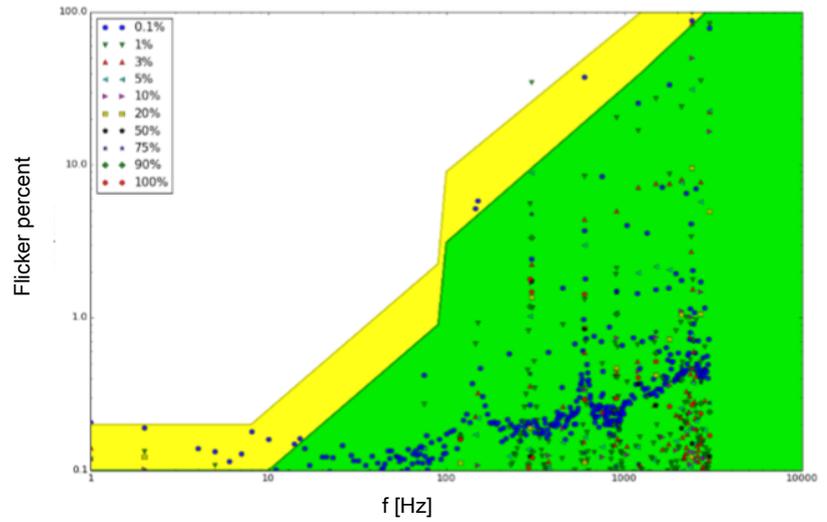
|                      |   |
|----------------------|---|
| Natural dimming      | Dim to dark, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level                 |
| Symbiosis            | Seamless interoperability with LED modules, controls and in-luminaire intelligent devices   |
| LEDcode              | Configurable design to work with most constant current LED modules and arrays, while providing a connection point to integrated peripheral controls |
| Programmable         | Fine-tune your driver for any application   |
| Performance          | Universal input voltage range, low inrush current and total harmonic distortion (THD), high power factor and efficiency                             |
| Camera compatibility | Hybrid HydraDrive technology is proven to work in TV studios and security camera environments   |

|                          |                  |
|--------------------------|------------------|
| Project name:            | Contact details: |
| Project number:          |                  |
| LED driver order number: |                  |

## Typical flicker performance

Typical flicker performance

Typical flicker percent as a function of frequency, measured across the dimming range. The results are overlaid with the low-risk (yellow) and no observable effect (green) levels as defined in IEEE P1789.



## Electrical specifications

|                                       |   |
|---------------------------------------|---|
| Driver type                           | constant current  |
| Number of LED outputs                 | 1 (UL Class 2)  |
| Maximum LED output power              | 50W   |
| Programmable LED output current range | 150 - 1400mA  |
| LED output type                       | Programmable in 1mA increments within specified current range |
| LED output voltage range              | 2 - 55V   |
| Auxiliary voltage resolution          | 1V (below 16V)<br>2V (above 16V)                              |
| Auxiliary output                      | 4 - 24V DC, 100mA max   |
| Nominal input voltage range AC        | 120 - 277V (UL)   |
| Control protocol                      | 0-10V<br>LEDcode  |
| Control channels                      | 1   |

## Certifications



## Warranty

Warranty period [General Terms and Conditions](#)

## Dimensions, weight, packaging

Length (L) typical: 320.0 mm / 12.6 in

Width (W) typical: 30.0 mm / 1.18 in

Height (H) typical: 25.8 mm / 1.02 in

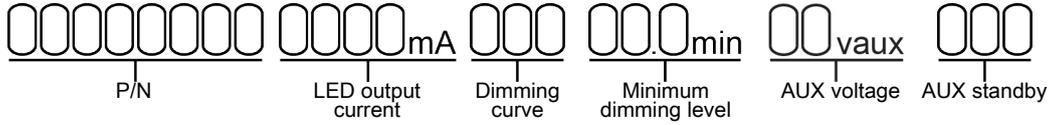
Weight 280 g

Products per box 50 pcs

## Connector layout



## Order number configurator



|                       |  |
|-----------------------|--|
| P/N                   | LED driver part number.  |
| LED output current    | Enter value in 1mA increments, e.g. "811" for 811mA  |
| Dimming curve         | "LOG" for logarithmic (default)<br>"LIN" for linear<br>"SLN" for soft-linear<br>"SQU" for square   |
| Minimum dimming level | Leave blank for default minimum dimming level of 0.1%. Specify in 0.1% increments, e.g. "10.5" for 10.5%.  |
| AUX voltage           | The AUX voltage is selectable in 1V increments between 4V and 16V and 2V increments between 16V and 24V.<br><br><b>If left blank, the default AUX voltage is 16V.</b>  |
| AUX standby           | The AUX output can be either "ON" or "OFF" when the driver is in standby mode. If a peripheral device depends on the AUX for normal operation, even if the driver is in standby mode, this option shall be set to "ON".<br>If AUX is not used to power any peripheral device, the AUX may be set to "OFF" during standby; this ensures that the total driver standby power is less than 0.5W.<br><br><b>If left blank, the default AUX standby option is "ON".</b> |

### Europe, Rest of World

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